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1c921 U.S. PTO  
09/689696  
10/13/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: MASAKO NUKAGA ET AL

SERIAL NO: NEW PATENT APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: METHOD OF CONTROLLING INTERMODULATION DISTORTION OF NON-RECIPROCAL DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required. Also attached is an International Search Report and a Statement of Relevancy.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR §1.17(i)(1).

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.



22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/98)

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

\_\_\_\_\_  
Gregory J. Maier

Registration No. 25,599

Eckhard H. Kuesters  
Registration No. 28,870

Joseph A. Scafetta, Jr.  
Registration No. 26,803

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

198249US-2 CONT

SERIAL NO.

NEW APPLICATION

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

MASAKO NUKAGA ET AL

FILING DATE

HEREWITH

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	3-288406	12/18/91	JAPAN (w/English Abstract)		X
	AP	7-157313	06/20/95	JAPAN (w/English Abstract)		X
	AQ	8-288116	11/01/96	JAPAN (w/English Abstract)		X
	AR	7-61821	03/07/95	JAPAN (w/English Abstract)		X
	AS	56-10767	03/10/81	JAPAN		X
	AT	56-31288	07/20/81	JAPAN		X
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	M. Nukaga et al., "Relationship between the Magnetic Properties of YIG Ferrites and the IMD (Intermodulation Distortion) of an Isolator, Journal of the Applied Magnetics Association of Japan, Vol. 22, No. 4-2, (1998), p. 673-676
	AX	INTERNATIONAL SEARCH REPORT

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

10/13/00  
09/68/696  
U.S. P.T.O.

Docket No: **198249US-2 CONT**

Serial No: **New Application**

Filed: **Herewith**

For: **METHOD OF CONTROLLING INTERMODULATION DISTORTION  
OF NON-RECIPROCAL DEVICE**



STATEMENT OF RELEVANCY

Japanese Patent Publication No. **56-31288** is disclosed in applicants' specification filed herewith.

Japanese Patent Publication No. **56-10767** is disclosed in applicants' specification filed herewith.